

## INNOVATION AND COMMITMENT TO UNCOMPROMISING QUALITY

Elements Europe is an established market leader in the world of modular construction and is one of Howick's valued clients who utilise our FRAMA machines for a variety of modular construction projects and builds. They provide first-class, functional outcomes and expert design and engineering solutions for a broad range of projects from luxury 5-star bathroom pods to the private residential sector. Every project aligns with the latest industry regulations and each client's unique expectations.



PROJECT  
SHOWCASE

CELEBRATING  
**40**  
YEARS  
OF INNOVATION

### CARE IN THE COMMUNITY

**Tasked with building two facilities for aged care by European Care Group, Elements Europe knew that a modular construction system utilising light gauge roll formed steel was the way to go.**

European Care Group is the sixth largest independent provider of health and social care in the United Kingdom providing care for over 4,000 service users from elderly to children and adults with special needs. The Group focus is on provision of independently accredited high quality service. The European Care Group provides services which offer care and support to enable people to continue to live as independently as possible. Services are delivered in care homes and supported accommodation within the principles of person-centered care to a diverse community.

### MODULAR BUILDING DELIVERS ON TIME AND BUDGET

Modular construction builder Elements Europe were tasked with building 140-bed Broomfeld Grange and 64-bed Chelmsford Nursing Homes to provide services for elderly nursing care and for people with dementia.

Elements Europe worked in partnership with sister company J.R. Pickstock to build two flagship luxury care homes using a combination of Strucpod and Strucmet solutions.

Meeting needs for fast track building of bathrooms and kitchens Strucpod optimizes hybrid construction methods by providing fully load-bearing capability for buildings up to 6 storeys high, avoiding the duplication of floors, walls, and ceilings, and is ideal for the care home market.

Strucmet is a fully integrated light steel frame building solution providing highly engineered bespoke solutions offering efficiencies of cutting edge design, manufacture, assemble and installation techniques.



### ALL MODERN CONVENIENCES INCLUDED

The new facilities represent a significant investment for the European Care Home group. The homes have 'state of the art' features together with innovations including a 'Euro Café' for Alzheimer's residents and their families.

Elements Europe represents a ground-breaking approach to the development and delivery of off-site construction solutions, by providing the most comprehensive modular pod technology available anywhere in the UK. As well as design and manufacture, Elements provide a complete delivery, installation and commissioning service to support the entire build process.



## ROOMPOD INNOVATION CUTS SHORTENS BUILD TIME

Whitbread PLC is the UK's largest hotel and restaurant company operating market-leading businesses in the budget hotels and restaurant sectors. Its brands include Premier Inn, Beefeater, Table Table, Brewers Fayre, Tayburns and Costa Coffee. When Whitbread required a new 59-bedroom Premier Inn and Table Table Restaurant/Pub built as part of the new 'Oswestry Gateway', they called Elements-Europe Ltd who worked in conjunction with group companies J.Ross Developments and J.R. Pickstock Ltd to build the development.

Elements-Europe used Roompod, a fully integrated and structurally load-bearing volumetric modular solution, to cut the development programme by one third. The Roompod



solution is used for low to medium rise applications up to 6 storeys high. It is a radical product concept, pushing the boundaries of pod technology for the hotel, student and care home accommodation sectors.

Work began on this £4.75 million development in summer 2008 and use of the modular technology ensured the scheme was ready for opening in April, 2009. The hotel opened alongside a Table Table family pub and restaurant creating more than 60 new jobs.

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## HOTEL ARRIVES ON TIME

Elements Europe worked alongside Manhattan Loft Corporation and Galliford Try to provide 189 bathroom pods for the newly built five star Renaissance Marriott Hotel at St Pancras.

Using the Solopod product, Elements were able to work with the client to deliver high quality, high volume stand-alone bathroom and shower facilities to a first class standard.

The £1.1million scheme involved the regeneration of the magnificent, but long disused, St Pancras Hotel into a 245-bedroom hotel and 67 apartments directly above the high-speed Eurostar rail link.

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